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PATENT TRADEMARK OFFICE

Docket No.: 1780/1G910US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

David MacADAM; Paul WANG; Shawn YANG; Dipen SHAH

Serial No.: 10/005,470

Confirmation No.: 7238

Filed: November 7, 2001

For: METHODS FOR PROCESSING ELECTRONIC SIGNALS HAVING  
SUPERIMPOSED COMPLEXES

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of  
Patents and Trademarks  
Washington, DC 20231

Sir:

In order to comply with 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the documents listed thereon.

All of these documents were either 1) not cited in a foreign counterpart of this application and not known for more than three months, or 2) were first cited in a foreign counterpart of this application not more than three months ago.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing Form PTO-1449 next to the document. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

The undersigned is also enclosing herewith a copy of a Communication Relating to the Results of the Partial International Search, issued August 8, 2002 for the PCT counterpart of the present patent application (Application No. PCT/US01/46348), in which the presently disclosed references were cited.

The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56, but the citation of such document is not to be construed as an admission that such document is necessarily relevant or prior art.

No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner, in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104(a) and 1.106(b) and, in the course of each search, will review for relevance every document cited on the attached form even if not initialed.

It is believed that no fee is due. However, if the Commissioner determines that a fee is due, the Commissioner is hereby authorized to charge the above deposit account for any deficiency.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,



Dated: August 23, 2002

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Serial No. 10/005,470

Docket No. 1780/1G910US1

**LIST OF REFERENCES CITED BY APPLICANT**

(Use Several Sheets if Necessary)

DOCKET NO.: 1780/1G910 SERIAL NO: 10/005,470  
APPLICANT: David MacADAM FILING DATE: November 7, 2001  
CONFIRMATION NO: 7238

## FOREIGN PATENT DOCUMENTS

<u>*EXAMINER INITIALS</u>	<u>DOCUMENT NUMBER</u>	<u>DATE</u>	<u>COUNTRY</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>TRANSLATION YES</u>	<u>NO</u>
	1 91/02484	3/7/91	WO	A61B	5/04		

## OTHER REFERENCES

(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)

\*EXAMINER  
INITIALS

2. P. W. Hsia et al., "Computer Arrhythmia Analysis in an Exercise System," Proc. Ann. Conf. On Eng. In Medicine and Biology, Chicago, Illinois, September 30-October 2, 1985, pg. 65
3. S. E. Greenhut et al., "Template Matching Techniques for Electrophysiologic Signals: A Practical, Real-Time System for Detection of Ventricular Tachycardia," Biomedical Sciences Instrumentation, 1992, pp. 37-42.
4. G. F. Mitchaud et al., "Correlation Waveform Analysis to Discriminate Monomorphic Ventricular Tachycardia from Sinus Rhythm Using Stored Electrograms from Implantable Defibrillators," Pace - Pacing and Clinical Electrophysiology, Futura Publishing Company, Inc., vol. 22, no. 8, August 1999, pp. 1146-1151.
5. R. D. Throne et al., Use of Tachycardia Templates for Recognition of Recurrent Monomorphic Ventricular Tachycardia," Proc. Computers in Cardiology Meeting, Jerusalem, September 19-22, 1989, Washington, IEEE Comp. Soc. Press, U.S., pp. 171-174.
6. Communication Relating to the Results of the Partial International Search for International Patent Application Serial No. PCT/US01/46348, August 8, 2002, European Patent Office - International Searching Authority.

EXAMINER:

DATE CONSIDERED: \_\_\_\_\_

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.